

above-captioned application. This Response addresses every ground of rejection set forth in the Office Action.

AMENDMENTS

In the Specification /

On page 2, please replace the first full paragraph with the following paragraph:

B1
Figure 1 shows a cut-away view of a prior art optical fiber 100. Optical fiber 100 includes a core 102 within cladding 104. The indexes of refraction of the core 102 and the cladding 104 are configured using methods standard in the art to allow light launched in to the fiber to be transported through the optical fiber 100. The core 102 and the cladding 104 is typically encapsulated in a jacket 106, which may be fabricated from material standard in the art such as a polymer. As is known by those of ordinary skill in the art, the index of refraction of a typical optical fiber is isotropic, and thus when light is launched in to a fiber the light will tend to travel with an arbitrary polarization direction.

On page 9, please replace the last paragraph with the following paragraph:

B2
Unlike the pigtail pair of FIG. 4, first and second PM fibers 402 and 414 in pigtail pair 400 are disposed within ferrule 428 in a predetermined manner. In the presently preferred embodiment shown in FIG. 5, second PM fiber 414 is aligned such that its corresponding stress applying parts form an axis which is parallel